



"PATENT"

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of
Stuart L. Soled, et al.

) Before the Examiner
) Patricia L. Hailey
)

U. S. Serial No. 09/869,984
Filed: January 14, 2000 (~~869-2001~~)

) Confirmation No.: 4480
) Group Art Unit: 1755
)

HYDROPROCESSING USING BULK GROUP
VIII/GROUP VIB CATALYSTS

) Family Number: P1997J057K
)

Commissioner for Patents
P. O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

Enclosed herewith is Form 1449. This accompanies a Request for Continued Examination filed herewith. The Commissioner is hereby authorized to charge any additional fees to Deposit Account Number 05-1330.

Respectfully submitted,

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AMM:dws June 4, 2007

I hereby certify that I have a reasonable basis for believing that this correspondence will be deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on June 11, 2007

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6/8/07
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PATENT TRADEMARK OFFICE



Substitute for form PTO/SB/08A (09-06)			Complete if Known		
			Application Number	09/869,984	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Filing Date	January 14, 2000 (8-22-2001)	
			First Named Inventor	Stuart L. Soled, et al.	
			Art Unit	1755	
			Examiner Name	Patricia L. Hailey	
			Attorney Docket Number	GJH-0005	
Sheet	1	of	2	Family Number	P1997J057K

U. S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. 1	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, columns, lines, where relevant passages or relevant figures appear
		Number-Kind Code ² (if known)				
		US-	2,690,433	07/22/1952	W. F. Engel, et al.	
		US-	2,873,257	02/10/1959	E. A. Hunter, et al.	
		US-	2,946,738	07/26/1960	L. E. Gardner, et al.	
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Examiner Signature	Date Considered
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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)					Complete if Known	
					Application Number	09/869,984
					Filing Date	January 14, 2000 (8-22-2001)
					First Named Inventor	Stuart L. Soled, et al.
					Art Unit	1755
					Examiner Name	Patricia L. Hailey
Attorney Docket Number					GJH-0005	
Sheet	2	of	2	Family Number		P1997J057K
	US-	5,865,988	02/02/1999	Collins, et al.		
	US-	5,968,346	10/19/1999	Jung, et al.		
	US-	5,993,643	11/30/1999	Chang, et al.		
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Examiner Initials*	Cite No. ¹	Foreign Patent Document Country code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of cited document	Pages, columns, lines, where relevant passages or relevant figures appear	T ⁶
		EP 0183353 B1	27.09.85	Chianelli, R. R., et al.		
		EP 0244106 B1	09.04.87	Ward, J. W.		
		EP 0277718 A2	15.01.88	Vauk, D. A., et al.		
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		CN 1218088	02 June 1999	He, et al.	Abstract	
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		PCT WO 00/41810	20 July 2000	Eijsbouts, S., et al.		
		PCT WO 00/41811	20 July 2000	Eijsbouts, S., et al.		
		PCT WO 00/42119	20 July 2000	Demmin, R. A., et al.		
		PCT WO 00/42125	20 July 2000	Riley, K. L., et al.		
		PCT WO 00/42131	20 July 2000	Hantzer, S. S., et al.		
		PCT WO 99/41327	19 August 1999	Cody, I. A., et al.		

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Attorney Docket Number	GJH-0005				
Sheet	1	of	1	Family Number	P1997J057K

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA	Levin, Doron, et al., "Crystal Structure of an Ammonium Nickel Molybdate Prepared by Chemical Precipitation," <i>Inorganic Chemistry</i> , 1996, 35, pp. 4191-4197 (Sept. 1995).	
	CB	Mazzocchia, C., et al., "On the NiO MoO ₃ mixed oxide correlation between preparative procedures thermal activation and catalytic properties," <i>Solid State Ionics</i> , 63-65 (1993) pp. 731-735.	
	CC	Astier, M.P., et al., "Nickel-molybdenum catalysts prepared by reduction of ammonium triammine tetranickel pentamolybdate," <i>Applied Catalysis</i> , 72 (1991) pp. 321-329.	
	CD	Olah, George A., <i>Hydrocarbon Chemistry</i> , 1995, p. 30	
	CE	Astier, M.P., et al., "Ammonium Triammine Tetranickel Pentamolybdate Preparation, Characterization and Crystal Structure," <i>Ann. Chem. Fr.</i> , 12, pp. 337-343 (1987).	
	CF	Astier, M.P., et al., "Solid State Chemistry," <i>C.R. Acad. Sc. Paris</i> , 304, (II), No. 11, pp. 563-566 (1987).	
	CG	Mazzocchia, C., et al., "On the NiMoO ₄ oxidative dehydrogenation of propane to propene: some physical correlations with the catalytic activity," <i>Catalysis Letters</i> 10 (1991) pp. 181-192.	
	CH	Levin, Doron, et al., "Chemie Douce Synthesis of a Layered Ammonium Zinc Molybdate," <i>Chem. Mater.</i> 1996, 8, pp. 836-843.	
	CI	M. Daage, et al., "Structure-Function Relations in Molybdenum Sulfide Catalysts: The "Rim-Edge" Model", <i>Journal of Catalysis</i> , 149, 414-427 (1994).	
	CJ		
	CK		
	CL		
	CM		
	CN		

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